

**What is claimed is:**

1. A method for treating fluid body waste material, comprising the steps of:
    - pumping fluid waste material from a storage facility to a
  - 5 distribution chamber;
    - delivering said material over a first vibrating screen, to partially separate solids from liquids;
    - discharging retained material on said first screen to a storage container;
  - 10 discharging partially cleansed liquid through said first screen into a holding tank;
    - pumping liquid from said holding tank to at least one cyclone separator;
    - discharging a first stream from said cyclone separator,
  - 15 containing larger particles on to a second vibrating screen, to further separate solids from liquids, and delivering a second stream from said cyclone separator, comprising substantially cleansed liquid, to a trough;
    - discharging a first stream of liquid from said trough to said holding tank, to form a loop treatment cycle; and
  - 20 discharging a second stream of liquid from said trough back to said storage facility.
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2. A method as claimed in claim 1, wherein said second stream from said trough is less than said first stream.
  
  3. A method as claimed in claim 1 including pumping liquid from

- 25 said holding tank to a manifold and feeding said material from said manifold to said at least one cyclone separator.

4. A method as claimed in claim 3, including feeding said material from said manifold to a plurality of cyclone separators.
5. A method as claimed in claim 4, including spraying a portion of said liquid in said manifold into said distribution chamber.
- 5 6. A method as claimed in claim 3, including controlling the flow of liquid from said manifold to said at least one cyclone separator.
7. A method as claimed in claim 1, including controlling the flow of liquid from said trough to said storage facility.
8. A method as claimed in claim 1, including controlling the  
10 pumping of said waste material from said storage facility to said distribution chamber.
9. A method as claimed in claim 3, including by-passing a portion of liquid pumped from said holding tank to said manifold back to said holding tank to agitate contents of said holding tank.
- 15 10. A method as claimed in claim 1, including feeding material pumped from said storage facility to a first vibrating weir plate prior to delivery to said first vibrating screen.
- 20 11. A method as claimed in claim 1, including discharging said first stream from said cyclone prior to discharging said stream on to said second vibrating screen.

12. A method as claimed in claim 1, wherein at least one of said vibrating screens is inclined.

13. A method as claimed in claim 12, wherein said vibrating screens are inclined at an angle of between +5° and -5°.

5 14. A method as claimed in claim 13, wherein said vibrating screens are inclined at an angle of -3°.

15. A method as claimed in claim 1, wherein said first vibrating screen has a mesh size from 10 to 300 and said second vibrating screen has a mesh size from 11 to 400, the mesh size of said second vibrating screen  
10 being finer than the mesh size of said first vibrating screen.

16. A method as claimed in claim 15, wherein said first vibrating screen has a mesh size from 50 to 200 and said second vibrating screen has a mesh size from 100 to 400.

17. A method as claimed in claim 16, wherein said first vibrating screen has a mesh size of 75 and said second vibrating screen has a mesh size of 90.

18. A method as claimed in claim 1, including agitating the waste material in said storage facility.

19. Apparatus for treating fluid body waste material, comprising:  
20 a submersible pump for pumping waste material from a storage material;

- a distribution chamber;
- a hose for connecting said pump to said distribution chamber;
- a first vibrating screen;
- an outlet in said distribution chamber for delivery of said waste
- 5 material on to said first vibrating screen;
  - a discharge outlet from said first vibrating screen for discharge of retained solids;
  - a holding tank for reception of partially cleansed water passing through said first vibrating screen;
- 10 at least one cyclone separator;
- a pump for pumping liquid from said holding tank to said at least one cyclone separator;
- a second vibrating screen;
- a first outlet in said at least one cyclone separator for discharge
- 15 of a first stream containing larger particles on to said second inclined vibrating screen;
- a trough;
- a second outlet in said at least one cyclone separator for delivery of a second stream comprising substantially clean liquid to said
- 20 trough;
  - a first outlet in said trough for discharge of a first stream from said trough to said holding tank; and
  - a second outlet in said trough for delivery of a second stream from said trough to said storage facility.
- 25 20. Apparatus as claimed in claim 19, wherein at least one of said vibrating screens is inclined.